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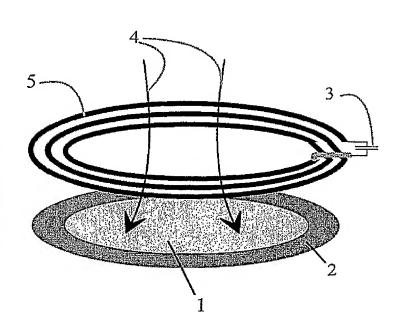
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(54) Title: A RADIOFREQUENCY BASED SENSOR ARRANGEMENT AND A METHOD



(57) Abstract: The invention relates to a sensor arrangement and a method for a sensor arrangement (1, 3, 5) remotely readable by radio frequencies. The sensor arrangement comprises an LC resonator (3, 5) which comprises a capacitor (3) and a coil (5), and a sensor element (1) coupled to the LC resonator (3, 5) whose properties change as a function of a measurable quantity. A sensor element (1) according to the invention does not form a direct galvanic contact with the LC resonator (3, 5), rather the coupling is implemented capacitively or inductively.